U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB

Substitute for form 1449A/PTO						C mplete if Known							
					Applicati n Numb r Filing Date			Not Yet Assigned Herein					
INFORMATION DISCLOSURE STATEMENT BY APPLICANT													
						First Nam	First Named Inventor Art Unit				Jeffery S. Chase and Ronald P. Doyle Not Yet Assigned		
					Art Unit								
(use as many sheets as necessary)						Examiner Name			Not Yet Assigned				
Sheet	T	1	of	2		Attorney D	000	ket Number	imber RSW9-2003-0250US1 (7161-1			U)	
			1	U.S.	PATE	NT DOCUME	N.	TS	L				
Examiner Initials ·	Cite Np.1	Document Number				Publication Date			oplicant of Cited Where R ocument Passage		Pages, Columns, Lin Where Relevant	Passages or Relevant	
	110.	Number- K	aber- Kind Code 2 (if lumm)										
			US- 6,557,079 B1			09/19/1995				Jr.			
446		US- 200	1 00 2000:0000				J.S. Chase						
200				FOREIC		TENT DOCU	_		· .				
Examiner Initials	Cite	F	oreign Pate	ent Document		lication Date . -DD-YYYY	A	ame of Patentee opplicant of Cited ocument	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		T		
	NO.	Country Co	ode <sup>3 - Number</sup>	Kind Code ' (if	_							_	
				··				·				上	
			7)	0	<u> </u>							<del> </del>	
Examiner	Signa	ature h	$\angle$	/<-	_ <u></u> _	Da	te	Considered	- 17	زأ	6-00		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance

and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional).

See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP901.04.

Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer. U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO				Compl te if Known				
INFO	ORA A TIC	M DIG	CLOSURE	Applicati n Numb r	Not Yet Assigned Herein Jeffery S. Chase and Ronald P. Doyle Not Yet Assigned			
				Filing Date				
SIAII	FMFNI	BA VI	PPLICANT	First Named Inventor				
				Group Art Unit				
(use as many sheets as necessary)		Examiner Name	Not Yet Assigned					
Sheet	2	of	12	Attorney Docket Number	RSW9-2003-0250US1 (7161-135U)			

<del></del>		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, senal, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
70		DOYLE, Ronald et al., The Trickle-Down Effect: Web Caching and	
12		Server Request Distribution,	İ
	<u> </u>	<a href="http://www.cs.duke.edu/ari/publications/trickle.ps">http://www.cs.duke.edu/ari/publications/trickle.ps</a> (visited 9/23/2003)	
JAK		BRESLAU, Lee, Web Caching and Zipf-like Distributions: Evidence	
(JA)		and Implications, IEEE Infocom, Vol XX, No. Y Month 1999	
			<u> </u>
		,	
			L
			Ì
			İ
,			
		0 0	
Examiner Sign	nature	Date Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents Washington, DC 20231.